District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

30-045-08134

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company **Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company**	Contact **Ashley Maxwell**
Address **3401 E. 30th St., Farmington, NM 87402**	Telephone No. **505-324-5169**
Facility Name: Cozzens C #1	Facility Type: Gas Well

Surface Owner: Federal	Mineral Owner: Federal	API No. 3004508134

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County – San Juan
B	20	29N	11W	790'	North	2100'	East	

Latitude 36.55559 Longitude -107.82349

NATURE OF RELEASE

Type of Release – Unknown	Volume of Release – Unknown	Volume Recovered
Source of Release – Below Grade Tank	Date and Hour of Occurrence – Unknown	Date and Hour of Discovery
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

RCVD MAY 14 '12
OIL CONS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken.* Below Grade Tank Closure Activities

Describe Area Affected and Cleanup Action Taken.*
The below grade tank sample results were below regulatory standard by USEPA method 418.1 for TPH @ 92 ppm and BTEX. However, Chlorides were above the regulatory stantards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Release @ 290 mg/kg. Permission to back fill was given via phone by Brandon Powell on 4/27/2012 at 8:14 a.m. based on the depth to ground water being greater than 100 feet.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION
Printed Name: **Ashley Maxwell**	Approved by Environmental Specialist:
Title: **Field Environmental Specialist**	Approval Date: 5/13/2012 Expiration Date:
E-mail Address: **ashley.p.wethington@conocophillips.com**	Conditions of Approval: Attached ☐
Date: May 8, 2012 Phone: **505-324-5169**	

* Attach Additional Sheets If Necessary

NVF1807231359

1D

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NMOCD

MAR 09 2018

DISTRICT III

April 24, 2012

Project Number 92115-2132

Ms. Shelly Cowden
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401

Phone: (505) 324-5140
Cell: (505) 320-0699

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE COZZENS C #1 (HBR) WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Cowden:

Enclosed please find the field notes and analytical results for below-grade tank (BGT) closure activities conducted at the Cozzens C #1 (hBr) well site located in Section 20, Township 29 North, Range 11 West, San Juan County, New Mexico. Upon Envirotech personnel's arrival on April 17, 2012, one (1) five (5)-point composite sample was collected from directly beneath the former BGT; see enclosed ***Field Notes***. The sample was analyzed in the field for total petroleum hydrocarbons using USEPA Method 418.1, for organic vapors using a photoionization detector (PID) and for chlorides. Additionally, the sample was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for benzene and total BTEX using USEPA Method 8021, and for chlorides using USEPA Method 4500. The sample returned results below the regulatory limits for all constituents analyzed except chlorides, which returned results above the BGT closure standard of 250 parts per million (ppm), confirming a release had occurred.

A brief site assessment was conducted and the cleanup standards for the site were determined to be 1000 ppm TPH and 100 ppm organic vapors due to a horizontal distance to surface water between 200 and 1000 feet from the site, depth to ground water greater than 100 feet, and horizontal distance to a well greater than 1,000 feet pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. The sample from beneath the former BGT returned results below the regulatory standard determined for this site; see enclosed ***Analytical Results***. Envirotech, Inc. recommends no further action in regards to this incident

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

ConocoPhillips
Cozzens C #1 (hBr) Well Site
92115-2132
April, 2012

Respectfully submitted,
ENVIROTECH, INC.

Noel Burciaga
Sr. Environmental Field Technician
nburciaga@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File Number 92115

PAGE NO: 1 OF 1

DATE STARTED: 4-17-2012

DATE FINISHED: 4-17-2012

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

ENVIRONMENTAL SPECIALIST: Noel Berciaga

LAT: 36.71625

LONG: -108-012566

FIELD REPORT: BGT / PIT CLOSURE VERIFICATION

LOCATION: NAME: Cozzens C WELL #: 1 TEMP PIT: PERMANENT PIT: BGT: Y

LEGAL ADD: UNIT: B SEC: 20 TWP: 29N RNG: 11W PM: NM

QTR/FOOTAGE: CNTY: San Juan ST: NM

EXCAVATION APPROX: 7 FT. X 7 FT. X 2 FT. DEEP CUBIC YARDAGE: -

DISPOSAL FACILITY: — REMEDIATION METHOD: —

LAND OWNER: BLM API: 3004508134 BGT / PIT VOLUME: —

CONSTRUCTION MATERIAL: NA DOUBLE-WALLED, WITH LEAK DETECTION: —

LOCATION APPROXIMATELY: 150 FT. 100° FROM WELLHEAD

DEPTH TO GROUNDWATER: >100' / 460 feet from surface water

___ TEMPORARY PIT - GROUNDWATER 50-100 FEET DEEP

BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 500 mg/kg

___ TEMPORARY PIT - GROUNDWATER ≥100 FEET DEEP

BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 1000 mg/kg

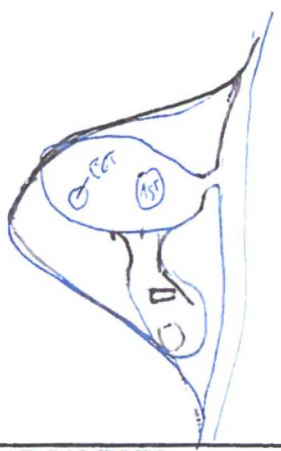
X PERMANENT PIT OR BGT

BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg

FIELD 418.1 ANALYSIS

TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (mg/kg)
	200 STD		-	-	-		189
5 pt composite 12:27	1	1	5g	20ml	1:4	23	~~96~~ 92
		2					
		3					
		4					
		5					
		6					

PERIMETER



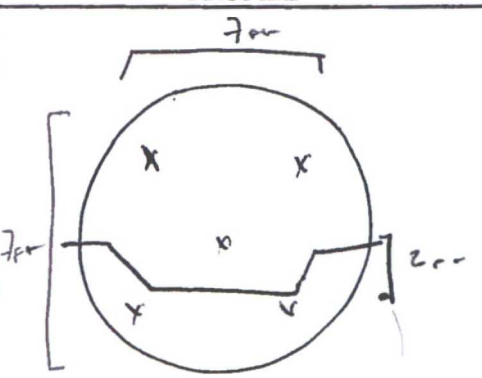
FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)
1	~~54~~	165

PID RESULTS

SAMPLE ID	RESULTS (mg/kg)
1	

PROFILE



LAB SAMPLES

SAMPLE ID	ANALYSIS	RESULTS
1	BENZENE	
1	BTEX	
	GRO & DRO	
1	CHLORIDES	

NOTES:

Ranking: 10

WORKORDER # WHO ORDERED Ernest Gray

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 17-Apr-12

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	189
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst — Date: 4/19/2012

Noel Burciaga
Print Name

Review — Date: 4/19/2012

Toni McKnight, EIT
Print Name

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info@envirotech-inc.com

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	92115-2132
Sample No.:	1	Date Reported:	4/19/2012
Sample ID:	5 Pt. Composite	Date Sampled:	4/17/2012
Sample Matrix:	Soil	Date Analyzed:	4/17/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**92**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Cozzens C #1(hBr)**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Noel Burciaga
Printed

Review

Toni McKnight, EIT
Printed

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips(hBr)	Project #:	92115-2132
Sample ID:	5-pt Comp	Date Reported:	04-18-12
Laboratory Number:	61780	Date Sampled:	04-17-12
Chain of Custody:	13847	Date Received:	04-17-12
Sample Matrix:	Soil	Date Analyzed:	04-18-12
Preservative:	Cool	Date Extracted:	04-17-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	17.7	10.0
o-Xylene	10.7	10.0
Total BTEX	28.4	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95.1 %
	1,4-difluorobenzene	98.8 %
	Bromochlorobenzene	105 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **BGT Closure/ Cozzens C #1**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0418BCAL QA/QC	Date Reported:	04-18-12
Laboratory Number:	61780	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-18-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	60

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: (Accept. Range 0-15%)	%Diff.	Blank Conc	Detect. Limit
Benzene	5.7416E-06	5.7659E-06	0.004	ND	0.2
Toluene	4.9682E-06	4.9682E-06	0.000	ND	0.2
Ethylbenzene	5.3325E-06	5.3325E-06	0.000	ND	0.2
p,m-Xylene	3.9505E-06	3.9505E-06	0.000	ND	0.2
o-Xylene	5.6439E-06	5.6439E-06	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.00	0 - 30%	10
Toluene	ND	ND	0.00	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	17.7	16.5	0.07	0 - 30%	10
o-Xylene	10.7	10.7	0.00	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	2500	2400	96.0	39 - 150
Toluene	ND	2500	2420	96.8	46 - 148
Ethylbenzene	ND	2500	2430	97.2	32 - 160
p,m-Xylene	17.7	5000	4860	96.8	46 - 148
o-Xylene	10.7	2500	2420	96.4	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 61780-61781 and 61785-61786

Analyst

Review

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Chloride

Client:	ConocoPhillips(hBr)	Project #:	92115-2131
Sample ID:	5 pt. comp.	Date Reported:	04-18-12
Lab ID#:	61780	Date Sampled:	04-17-12
Sample Matrix:	Soil	Date Received:	04-17-12
Preservative:	Cool	Date Analyzed:	04-18-12
Condition:	Intact	Chain of Custody:	13847

Parameter	Concentration (mg/Kg)
Total Chloride	290

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **BGT Closure / Cozzens C #1**

Analyst

Review

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laboratory@envirotech-inc.com

CHAIN OF CUSTODY RECORD

13847 Rush

Client:	Project Name / Location:
Conoco (In Bot.)	BGT Closure / Cozzens Cliff
Email results to:	Sampler Name:
	Noel Burciaga
Client Phone No.:	Client No.:
	92115-2132

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative H_2SO_4	Preservative HCl	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
5 pt comp	4/17/12	10:50	41780	4oz			X		X								X				✓	✓

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4-17-12	2:40		4/17/12	1342
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

Rush

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